



Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A touch probe comprising:
a probe body housing first locating elements;
a stylus holder having second locating elements which co-operate with the first locating elements to locate the stylus holder within the probe body; and
a bias to urge the first and second locating elements into contact, characterised
~~in that; wherein a damping element~~
~~an element~~ is provided to damp motion between the probe body and the stylus holder.
2. (Currently Amended) A touch probe according to claim 1 wherein ~~the said~~ damping element slows a relative movement between the first and second locating elements.
3. (Currently Amended) A touch probe according to claim 2 wherein ~~the said~~ damping element slows the relative movement by resisting the urging of the bias.
4. (Currently Amended) A touch probe according to claim 1 wherein ~~the said~~ damping element is slidably mounted with respect to one of the probe head and stylus holder.
5. (Currently Amended) A touch probe according to claim 4 wherein ~~the said~~ damping element is slidably mounted with respect to both the probe head and stylus holder.
6. (Currently Amended) A touch probe according to claim 4 wherein ~~the said~~ damping element is rotatably mounted with respect to one of the probe head and stylus holder.
7. (Currently Amended) A touch probe according to claim 1 wherein ~~the said~~ damping element absorbs energy produced by a relative movement between the probe body and stylus holder.

8. (Currently Amended) A touch probe according to claim 7 wherein ~~the~~ said damping element is lossy.
9. (Currently Amended) A touch probe according to claim 8 wherein ~~the~~ said damping element includes at least two materials and at least one of which is lossy.
10. (Currently Amended) A touch probe according to claim 9 wherein ~~a lossy~~ the lossy material is carbon powder.
11. (Currently Amended) A touch probe according to claim 10 ~~wherein,~~ wherein between 10 and 120 pph of carbon powder is used.
12. (Previously Presented) A touch probe according to claim 1 wherein, the first locating elements each comprise a pair of balls which form a v-shaped seat and the second locating elements each comprise a roller which supports the stylus holder on the v-shaped seat.
13. (Previously Presented) A touch probe according to claim 1 wherein, the first locating elements each comprise a ball and the second locating elements each comprise a v shaped groove which partially houses a ball and is supported thereon.